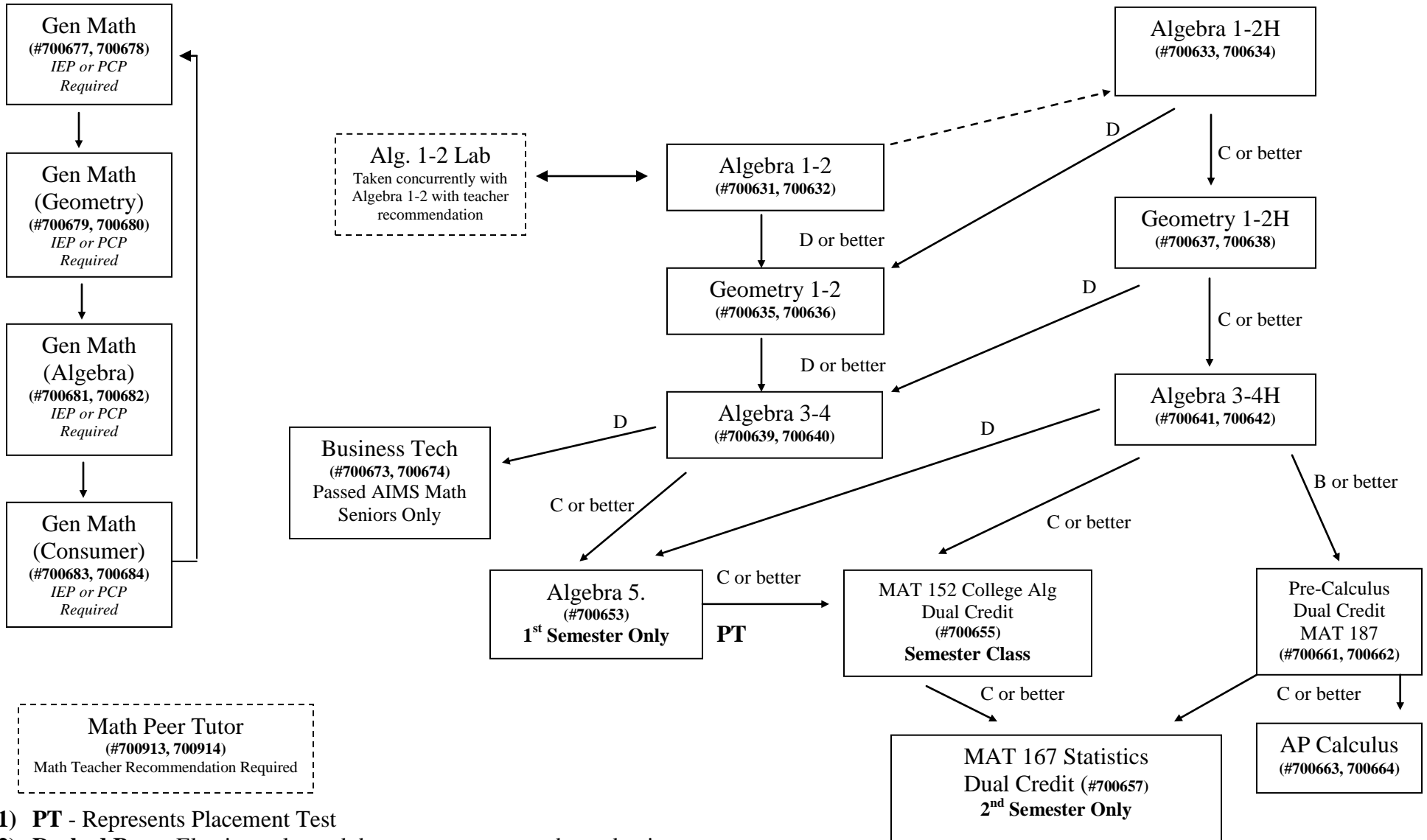


**PHS Math Department** (updated 3-16-2015)

2015-2016 School Year

Course Offering Flow Chart

(General Guidelines: There are always going to be special student circumstances that this does not work for.)



- 1) **PT** - Represents Placement Test
- 2) **Dashed Box** – Elective only, and does not count towards graduation.
- 3) **Dotted Line** represents a **required** teacher recommendation.
- 4) **Yavapai College** will only honor credit in ONE of the courses:  
MAT 152- College Algebra or MAT 187-Pre-Calculus.
- 5) **Any level change must have department chair approval**

Other Information:

**If a student fails in mathematics, the student will automatically have to take extra math courses and most likely through PHS Online. This would include if they fail first semester, taking the 1<sup>st</sup> semester of the course failed through PHS Online while they are then dropped to a lower level math course.**

**If a student fails 2<sup>nd</sup> semester but not first, then he/she would make up the 2<sup>nd</sup> semester during the summer, or first semester through PHS Online.**

### **Course Specific Information:**

We are currently developing the committee that will determine the criteria and components of the personal curriculum plan as per state law. This is only specific to math and the 4 years of math requirement that includes Algebra 2 (Algebra 3-4 at PHS).

All courses (excluding the General Math courses) require a graphing calculator (TI-83, TI-83+, or TI-84+).

**The Alg 1-2, Geo 1-2, and Alg 3-4 courses** count for PHS and AZ graduation requirements but does NOT meet the university requirements. However, if a student follows the course work through Algebra 5 and then tests into College Algebra, this is a community college credit in mathematics and can be used to fulfill the university math credit requirement.

**The Honors courses** are for those students intending on graduating and then going on to a college degree program, most likely university bound right after high school.

**Business Tech Mathematics** will count as a 4<sup>th</sup> year of math credit but is typically for students who are not pursuing a college degree.

**Algebra 5 and then College Algebra are taken consecutively. The 2<sup>nd</sup> Semester College Algebra class is mainly intended for those students who are in 1<sup>st</sup> semester Algebra 5.**

The dual credit courses MAT 152 and MAT 187 have Algebra 3-4 Honors as the prerequisite for enrollment per Yavapai College Policy.

MAT 152 and MAT 187 Pre-calc are both acceptable prerequisites for MAT 167 Statistics.